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## ABSTRACT OF THE DISCLOSURE

A shaft-hub connection between one shaft segment comprises one central toothed segment, the same as adjacent centering segments and one stepped hole in a hub, in which the shaft and the hub are jointed in axial direction and by the toothed shaft segment a positive fit is formed with the hub, in which the front centering segment, lying in joint direction, has a diameter (  $d_1$  ) and the toothed shaft segment, the same as the rear centering segment lying in joint direction, has a diameter (  $d_2$  ) larger than (  $d_1$  ). It is proposed that the hole has only two adjacent segments ( I ), ( II ) of different diameters (  $D_1$  ) and (  $D_2$  ), that the diameter (  $d_1$  ) in the centering segment with the diameter (  $D_1$  ), the same as the diameter (  $d_1$  ) in the centering segment with the diameter (  $D_2$  ), form a respective joint fit and the diameter (  $d_2$  ) in the area with the diameter (  $D_1$  ) forms the positive fit.